### PATENT COOPERATION TREATY

## **PCT**

# TRANSLATION INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference  JHTK-62-PCT			FOR FURTHER ACT	ION	See Form PCT/IPEA/416			
International application No. PCT/JP2004/000301			International filing date (a	day/month/year)	Priority date (day/month/year)			
Internati	ional Patent Classifica	tion (IPC) or nati	lonal classification and IPC					
H01M4/02, 4/58, 10/40  Applicant HITACHI CHEMICAL CO., LTD.								
2.	This REPORT consi	sts of a total of	3	sheets, including	ng this cover sheet.			
3.	This report is also ac	ecompanied by A	NNEXES, comprising:					
	a. (sent to t	the applicant and	to the International Burea	u) a total of 3	sheets, as follows:			
	sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).							
	sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.							
			Bureau only) a total of (ind	licate type and numbe	er of electronic carrier(s))			
	, containing a sequence listing and/or tables							
	related thereto, in computer readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).							
4.	This report contains	indications relati	ng to the following items:					
	Box No. I	Basis of the	report					
	Box No. II	Priority						
	Box No. III	Non-establi	shment of opinion with reg	ard to novelty, inven	tive step and industrial applicability			
	Box No. IV	Lack of unit	ty of invention					
Box No. V Reasoned statement under Article citations and explanations supporti				,	elty, inventive step or industrial applicability;			
	Box No. VI	Certain doc	uments cited					
	Box No. VII	Certain defe	ects in the international app	lication				
	Box No. VIII Certain observations on the international application							
Date of submission of the demand			Da	te of completion of th	uis report			
Name a	nd mailing address of t	the IPEA/JP	Au	thorized officer				
Facsimi	le No		Tel	enhone No				

### INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.
PCT/JP2004/000301

Box	No. I	Basis of the report						
1.		n regard to the language, this report is based on the internation	nal application in the language in which it w	as filed, unless otherwise				
		This report is based on translations from the original langua which is the language of a translation furnished for the purp international search (Rule 12.3 and 23.1(b))  publication of the international application (Rule 12.4 international preliminary examination (Rule 55.2 and	oses of:	,				
2.	recei	regard to the <b>elements</b> of the international application, this report is based on (replacement sheets which have been furnished to the ving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to report):  the international application as originally filed/furnished the description:						
		pages*						
	$\square$	pages*	received by this Authority on					
		the claims:						
		nos. 2		as originally filed/furnished				
			as amended (together with any					
		nos.*						
	$\square$		received by this Additionty on					
		the drawings:						
		sheets 1						
			received by this Authority on					
			received by this Authority on					
		a sequence listing and/or any related table(s) – see Supplem	ental Box Relating to Sequence Listing.					
3.		The amendments have resulted in the cancellation of:						
		the claims, nos. <u>3-5</u>	the claims, nos. 3-5					
		the drawings, sheets/figs						
		the sequence listing (specify):						
		any table(s) related to sequence listing (specify):						
4.		This report has been established as if (some of) the amend they have been considered to go beyond the disclosure as file.						
		the description, pages						
		the claims, nos.						
		the drawings, sheets/figs						
		the sequence listing (specify):						
		any table(s) related to sequence listing (specify):						
*	If ite	em 4 applies, some or all of those sheets may be marked "supe	erseded."					

#### INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

PCT/JP2004/000301

Вох		ent under Article 35(2) with regard to novelty, inventive step or industrial applicability; anations supporting such statement				
1.	Statement					
	Novelty (N)	Claims _ 1, 2, 6-14	YES			
		Claims				
	Inventive step (IS)	Claims _ 1, 2, 6-14	YES			
		Claims				
	Industrial applicability (IA)	Claims 1, 2, 6-14	YES			
		Claims				
2.	Citations and explanations (Rule	70.7)				
2.	List of cited documents:					
		2003-197182 A (Samsung SDI Kabushiki				
		isha), 11 July 2003				
		2002-175807 A (GS Melcotec Co., Ltd.), 21				
		ne 2002				
		11-217266 A (Hitachi Chemical Co., Ltd.),				
		August 1999				
	Document 4: JP	10-236808 A (Hitachi Chemical Co., Ltd.),				
	8	September 1998				
	Document 5: JP	5-290833 A (Matsushita Electric Industria	1			
	Co	., Ltd.), 5 November 1993				
	Document 6: JP	2002-222648 A (Toshiba Corporation), 9				
	Au	gust 2002				
	Document 7: JP	11-288716 A (Hitachi Maxell, Ltd.), 19				
	00	tober 1999				
	Document 8: JP	2000-260479 A (Toyota Central R&D Labs.,				
	In	c.), 22 September 2000				
	(Explanation)					
	The invent	tions set forth in claims 1, 2 and 6 to 14				
		sed in any of the documents cited in the				
		search report, and would not be obvious to				
	a person skille	ed in the art.				